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From: Commandant of the Marine Corps
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Subj: MARINE CORPS COMBAT READINESS EVALUATION SYSTEM (SHORT
TITLE: MCCRES); VOLUME XI, COMBAT SUPPORT ELEMENTS

Ref: (a) MCO 3501.1C

Encl: (1) Volume XI, Part D, Unmanned Aerial Vehicle (UAV)
Squadrons

1. Purpose. To promulgate Volume XI, Part D of MCCRES for use in the training and evaluation of combat support elements per reference (a).

2. Information. The reference establishes MCCRES for implementation within the Marine Corps. The enclosure, supported by the policies and procedures set forth in the reference provides the MPS's for use in evaluation of the combat readiness of Unmanned Aerial Vehicle (UAV) Squadrons.

3. Summary of Revision. This section was revised in its entirety.

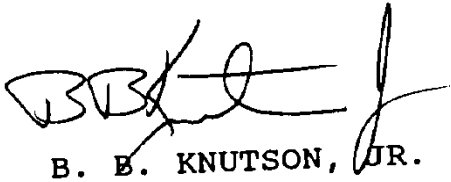
4. Action. Commanders will:

a. Use the MPS's contained in the enclosure as guidelines for establishing training goals, training programs for combat support elements, and for formal evaluations as directed by command elements.

b. When appropriate, use MPS's for informal evaluations, and/or inventory examinations to determine a unit's current training status and areas for future progressive training programs.

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c. Make every effort to conduct evaluations when the unit is participating in their appropriate role as part of a Marine Air Ground Task Force (MAGTF). This method will strengthen integration efforts and give a more complete evaluation of realistic combat readiness.



B. B. KNUTSON, JR.

By direction

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VOLUME XI, PART DMISSION PERFORMANCE STANDARDSUNMANNED AERIAL VEHICLE SQUADRONSINTRODUCTION

The MCCRES mission performance standards (MPS's) contained in this volume apply to all UAV squadrons and establish the minimum acceptable standards to properly execute the UAV's basic missions.

MCCRES MPS's tasks and standards are derived from Marine Corps doctrine, tactics, techniques and procedures, and recommendations from Marine Commands.

The MCCRES and its MPS's have been developed with the goal of enhancing the training readiness of Marine Corps units. The system endeavors to accomplish this by developing a comprehensive series of MPS's for all functional areas of the MAGTF. The MPS's, tasks and standards, attempt to cover only basic missions a UAV unit is expected to perform in combat. The MCCRES is not an end "in and of itself" but a basis from which to prepare for "fighting smart" per FMFM 1. It is understood that only a certain number of these elements can be evaluated during any one exercise. Available training areas, environmental restrictions, units to be supported, external support, time, and scenario will influence the number of MCCRES MPS's that can be evaluated. However, a series of exercises based upon evaluation objectives derived from a viable unit training program should expand the number of MCCRES tasks to be evaluated and assist in assessing a unit's overall combat readiness. Opportunities should be sought to evaluate those standards not evaluated in a given recent exercise. Keeping this in mind will help avoid the problem of going year after year with certain areas repeatedly not being evaluated.

These standards apply to UAV Squadrons in support of a MAGTF and it is preferred that the unit's are evaluated as part of a MAGTF in the field. Herein, the role of UAV commander is critical. Dynamic leadership and the unit's proficiency in executing their tactical missions will be the basis for a successful demonstration of combat readiness.

Some tasks are evaluated using "the 90 percent rule". These tasks can be identified by looking under the evaluator instructions. This rule allows the evaluator to score a "YES", when based on his observation the unit/element attempted and successfully met the standard's criteria at least 90 percent of the time. See the current edition of MCO 3501.1.

EVALUATOR

MCCRES MPS's for the UAV Squadrons presupposes that personnel and logistics support are sufficient to meet minimum acceptable standards; but, it is acknowledged that sufficient people, supplies, and equipment are not always available. The unit is not penalized if they cannot attempt all the standards. When such external factors contribute to limiting a unit's combat readiness, it should be noted in the "COMMENTS" column of an evaluation sheet and recorded in the overall evaluation report.

ENCLOSURE (1)

XI-D-1

11D.1 UAV OPERATIONS IN SUPPORT OF A MAGTF

TASK: 11D.1.1 PLAN UAV OPERATIONS IN SUPPORT OF A MAGTF

CONDITION(S): The UAV squadron has been tasked to support a MAGTF.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Establish liaison with MAGTF Headquarters Staff.
- .2 ____ Execute command and staff procedures per FMFM 3-1.
- .3 ____ Squadron Commander issues warning order to Squadron.

EVALUATOR INSTRUCTIONS: Evaluator must be cognizant of UAV capabilities, limitations and doctrinal employment.

KEY INDICATORS: None.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.1.1 -.2 MNTO.1.1 9813.1.1

TASK: 11D.1.2 CONDUCT INTELLIGENCE PLANNING

CONDITION(S): The UAV squadron is operating in support of a MAGTF. The UAV squadron conducts intelligence planning on a continuous basis to support flight operations.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Comply with unit intelligence SOP.
- .2 ____ Determine the map, chart, and geodetic requirements for the squadron.
- .3 ____ Coordinate with collection and dissemination activities of higher headquarters.
- .4 ____ Conduct detailed briefings for the unit commander and individual Marines to inform them of the enemy situation and capabilities.
- .5 ____ Ensure the reconnaissance/surveillance plan reflects a detailed explanation of the supported commander's information requirements.
- .6 ____ Recommend essential elements of information to the commander.
- .7 ____ Disseminate intelligence information to the supported commander in a timely manner.
- .8 ____ Provide target information to the supported commander in a timely manner.
- .9 ____ Maintain an operational situation map.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.1.1 9813.1.1

TASK: 11D.1.3 CONDUCT ADVANCE PARTY AND RECONNAISSANCE OPERATIONS

CONDITION(S): The UAV squadron has received an order that will require displacement. Higher headquarters has designated the general position to be occupied. A reconnaissance party has been designated.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Coordinate with supported unit headquarters to ensure UAV location considerations are included in selecting system location.
- .2 ____ Perform map and route reconnaissance.
- .3 ____ Determine communication requirements.
- .4 ____ Select position area that enhances the accomplishment of the mission.
- .5 ____ Establish local security.
- .6 ____ Conduct preliminary site preparation per unit tactical SOP.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

- 1. Establish traffic control measures and provides information to guide the march of the main body.
- 2. Mark new position area for ease in siting equipment.
- 3. Provide vehicle guides, order of march, and routes into the new position for rapid occupation.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.1.1 -.2 MNTO.1.1 -.2 9815.8.5 9816.1.2

TASK: 11D.1.4 PERFORM TACTICAL MARCH

CONDITION(S): The UAV squadron has received an order to move to a new position. The squadron commander has issued his movement order.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Maintain march/convoy discipline.
- .2 ____ Cross start point on time.
- .3 ____ Report displacement to higher headquarters.
- .4 ____ Designate a release point.

- .5 ____ Report re-establishment of operational capability to higher headquarters.
- .6 ____ Maintain light and noise discipline.
- .7 ____ Maintain convoy interval.
- .8 ____ Execute appropriate immediate action drill when convoy comes under attack.

EVALUATOR INSTRUCTIONS: A movement may be conducted as a road march. The movement may be conducted en route to the initial position.

KEY INDICATORS: None.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

MNTO.1.2 9815.8.1 -.3 9815.8.5

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

TASK: 11D.1.5 OCCUPY POSITION AREA

CONDITION(S): The advance party has completed the reconnaissance, selection, and preparation of the new position area. The main body has arrived at the release point.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Cross release point at specified time.
- .2 ____ Emplace equipment per established priorities.
- .3 ____ Locate the GCS to provide decentralized execution of UAV missions and continuous communications and coordination with supported headquarters, FSCC, and DASC.
- .4 ____ Emplace the UAV system and commence operations within 24 hours of arrival of first equipment on site.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

MNTO.1.2	9813.1.2	9813.1.4	9813.1.6 -.8
9813.1.10 -.11	9815.1.1 -.7	9815.1.20 -.21	9815.2.1
9815.2.5 -.6	9815.2.20 -.28	9815.2.32 -.35	9815.4.1 -.7
9815.5.1	9815.5.4	9815.5.7	9815.7.6
9815.7.26 -.33	9815.8.1	9815.8.3 -.4	9816.1.1
9816.1.3	9816.1.12	9816.1.14	9816.1.17
9816.1.20	9816.1.22	9816.1.26	9816.1.29
9816.2.12	9816.4.1 -.2	9816.6.1	9816.6.4
9816.7.1 -.3	9816.7.5 -.6	9816.7.8	9816.7.10 -.15
9816.7.17 -.19	9816.8.1 -.2	9816.9.5	9816.10.1
9817.2.2			

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

TASK: 11D.1.6 PLAN A UAV MISSION

CONDITION(S): A UAV squadron is operating in support of a MAGTF. The unit has been tasked with reconnaissance, surveillance or target acquisition in support of the MAGTF and plans for the mission.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Possess and utilize an operations SOP.
- .2 ____ Acknowledge receipt of the order to higher headquarters.
- .3 ____ Determine mission requirements.
- .4 ____ Select alternate launch and recovery sites.
- .5 ____ Ensure the intelligence analysis accurately identifies threat capabilities and friendly positions.
- .6 ____ Coordinate with the senior airspace coordination agency to deconflict airspace.
- .7 ____ Select primary and alternate reconnaissance areas, holding areas, and ingress and egress routes based on METT considerations and coordination with appropriate units. (KI)
- .8 ____ Plan flight altitudes based on safety, enemy threat, and mission requirements.
- .9 ____ Implement command and control procedures as established by higher headquarters per unit CEOI.
- .10 ____ Plan for emission control of tactical radio frequencies and deconfliction of UAV flight control frequencies. (KI)
- .11 ____ Ensure correct payload is selected.
- .12 ____ Publish flight schedule.
- .13 ____ Assign duties to each crewman.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: METT FACTORS

- 1. Mission: Review to ensure thorough understanding of scope, objectives, execution, command and control, and coordination details of assigned mission.
- 2. Enemy: Evaluate all available intelligence information to determine enemy disposition, order of battle, and capabilities.
- 3. Terrain and Weather: Evaluate terrain in terms of physical characteristics and threat environment to determine ingress/egress routes. Evaluate in terms of impact on scheme of maneuver and enemy capabilities. Identify weather minimums if not previously established.
- 4. Troops: The location of friendly troops, safe areas, and supporting unit capabilities should be considered.
- 5. Flight crew should employ cueing from other intelligence agencies/assets for all operations.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.1.1 -.3 9808.1.1 -.3 9808.2.3 9813.1.1

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

TASK: 11D.1.7 PREPARE FOR A UAV MISSION

CONDITION(S): An UAV squadron is operating in support of a MAGTF. The unit has been tasked with locating targets in support of the MAGTF and prepares for the mission.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Conduct mission brief for all crewmembers per JUATOPS.
- .2 ____ Conduct aircraft and systems preflight checks.
- .3 ____ UAV Mission Commander and crewmembers accept UAV system from maintenance.
- .4 ____ Establish communication with appropriate controlling agencies.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

- 1. Mission Commander utilizes JUATOPS briefing guide.
- 2. UAV system and aircraft are prepared for flight prior to mission brief per applicable NAVAIR instructions.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.1.3	9808.1.1 -.3	9808.2.1 -.5	9808.3.1
9813.1.6 -.12	9814.1.1	9815.1.1 -.7	9815.1.21
9815.2.1	9815.2.5 -.6	9815.2.20 -.28	9815.2.32 -.35
9815.4.1 -.2	9815.5.1	9815.5.7	9815.6.1
9815.7.1	9815.7.6	9815.7.25 -.33	9815.8.4
9816.6.1	9816.1.3 -.5	9816.1.12	9816.1.14
9816.1.17	9816.1.26	9816.1.29	9816.2.1
9816.4.1 -.2	9816.4.5 -.6	9816.6.4 -.10	9816.7.5 -.6
9816.7.8 -.15	9816.7.17 -.19	9816.8.1	9816.9.5
9816.10.2 -.4	9817.1.1		

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

TASK: 11D.1.8 CONDUCT A UAV MISSION

CONDITION(S): An UAV squadron is operating in support of a MAGTF. The unit has been assigned a mission. Planning and preparation have been completed.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Ensure each crewmember wears required clothing and safety equipment.
- .2 ____ Ensure aircraft is ready for launch at plus or minus 5 minutes of the specified time.
- .3 ____ Report aircraft airborne to appropriate controlling agency.
- .4 ____ Coordinate any changes to the mission plan with the appropriate airspace controlling agency.
- .5 ____ Select flying techniques based on METT and safety considerations.
- .6 ____ Ensure crew navigates and remains oriented throughout the flight.
- .7 ____ Ensure airspace deconfliction procedures are established and coordinated.
- .8 ____ Maintain crew coordination procedures per unit SOP.

- .9 ____ Notify the appropriate airspace coordination agency upon completion of the mission.
- .10 ____ Correct unsafe practices at the appropriate time.
- .11 ____ Conduct a flight debrief.
- .12 ____ Ensure information is prepared and disseminated at the appropriate time.

EVALUATOR INSTRUCTIONS: Mission Commander has the ultimate authority for safety and will determine the location of the Evaluator during the conduct of the mission.

KEY INDICATORS: None.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.2.1 -.2	9807.2.5 -.6	9808.3.2 -.7	9808.3.9 -.10
9808.4.1 -.3	9808.5.1 -.2	9813.1.3 -.5	9813.2.1 -.3
9813.2.5	9813.2.7 -.10	9814.1.2	9814.1.4
9814.2.1 -.4	9814.3.1 -.9	9814.4.1 -.4	9815.4.6 -.7
9815.7.6	9816.6.11 -.14	9816.8.2	9816.10.5 -.8
9817.1.2 -.4			

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

TASK: 11D.1.9 CONDUCT RECONNAISSANCE

CONDITION(S): The UAV Squadron is in support of a MAGTF conducting tactical operations and is tasked with a reconnaissance mission. This may be an area, route, point or landing zone (LZ) reconnaissance.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Proceed to assigned area via planned route.
- .2 ____ Identify enemy activity/installations along the route.
- .3 ____ Maintain visual observation to determine the location, characteristics, suitability or activity of the reconnaissance area.
- .4 ____ Submit reports as required.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: Time sensitive information is forwarded as soon as possible via appropriate communications means.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.2.1 -.3	9807.2.5 -.6	9808.3.2 -.10	9808.4.1 -.3
9808.5.1 -.2	9813.1.3 -.5	9813.2.1 -.3	9813.2.5
9813.2.7 -.10	9814.1.2	9814.1.4	9814.2.1 -.4
9814.3.1 -.9	9814.4.1 -.4	9815.4.6 -.7	9815.7.6
9816.6.11 -.14	9816.8.2	9816.10.5 -.8	9817.1.2 -.4

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

TASK: 11D.1.10 CONDUCT SURVEILLANCE

CONDITION(S): THE UAV Squadron is in support of a MAGTF conducting tactical operations and is tasked with a surveillance mission.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Proceed to assigned area via planned route.
- .2 ____ Locate and identify the objective(s).
- .3 ____ Maintain visual contact with the objective(s).
- .4 ____ Submit activity reports as required.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: Flight crew is able to locate and identify the objective(s).

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.2.1 -.3	9807.2.5 -.6	9808.3.2 -.10	9808.4.1 -.3
9808.5.1 -.2	9813.1.3 -.5	9813.2.1 -.3	9813.2.5
9813.2.7 -.10	9814.1.2	9814.1.4	9814.2.1 -.4
9814.3.1 -.9	9814.4.1 -.4	9815.4.6 -.7	9815.7.6
9816.6.11 -.14	9816.8.2	9816.10.5 -.8	9817.1.2 -.4

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

TASK: 11D.1.11 CONDUCT TARGET ACOUISITION

CONDITION(S): THE UAV Squadron is in support of a MAGTF conducting tactical operations and is tasked with a target acquisition mission.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Proceed to assigned area via planned route.
- .2 ____ Locate and identify preplanned or targets of opportunity per target priority list.
- .3 ____ Process targets per Air Tasking Order (ATO).
- .4 ____ Submit reports as required.

EVALUATOR INSTRUCTIONS: 90% of targets are correctly identified.

KEY INDICATORS: None.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.2.1 -.3	9807.2.5 -.6	9808.3.2 -.10	9808.4.1 -.3
9808.5.1 -.2	9813.1.3 -.5	9813.2.1 -.5	9813.2.7 -.10
9814.1.2	9814.1.4	9814.2.1 -.4	9814.3.1 -.9
9814.4.1 -.4	9815.4.6 -.7	9815.7.6	9816.6.11 -.14
9816.8.2	9816.10.5 -.8	9817.1.2 -.4	

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

TASK: 11D.1.12 CONDUCT BATTLE DAMAGE ASSESSMENT (BDA)

CONDITION(S): THE UAV Squadron is in support of a MAGTF conducting tactical operations and is tasked with a battle damage assessment (BDA) mission.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Proceed to assigned area via planned route.
- .2 ____ Provide accurate BDA of the objective area to the appropriate controlling agency per applicable directives.
- .3 ____ Provide imagery of target as requested.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: Intelligence section provides edited imagery to supported units as required.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.2.1 -.3	9807.2.5 -.6	9808.3.2 -.10	9808.4.1 -.3
9808.5.1 -.2	9813.1.3 -.5	9813.2.1 -.5	9813.2.7 -.10
9814.1.2	9814.1.4	9814.2.1 -.4	9814.3.1 -.9
9814.4.1 -.4	9815.4.6 -.7	9815.7.6	9816.6.11 -.14
9816.8.2	9816.10.5 -.8	9817.1.2 -.4	

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

TASK: 11D.1.13 CONDUCT ADJUST FIRE AND FIRE FOR EFFECT ARTILLERY/NSFS MISSIONS ON TARGETS OF OPPORTUNITY

CONDITION(S): The UAV squadron is in support of a MAGTF conducting tactical operations. During flight operations a payload operator identifies a target of opportunity and initiates a call for fire.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Ensure employment procedures for supporting arms are included in the fire support section of the unit operations SOP or operations order per OH 6-2A.
- .2 ____ Time: Upon identification and location of the target by a payload operator, initiate a complete call for fire within 60 seconds and send subsequent corrections within 15 seconds of round impact.
- .3 ____ Accuracy: Target location given by the payload operator is within 200 meters of the actual location. Fire for effect (FFE) is called for when the last adjusting round is within 50 meters of target (adjust fire and FFE only).
- .4 ____ Ensure correct observed fire and communications procedures are used.
- .5 ____ Report BDA/mission assessment to the firing unit, supported unit headquarters and appropriate controlling agencies.

EVALUATOR INSTRUCTIONS: Evaluators will give the nature of target to payload operators.

KEY INDICATORS:

- 1. Initial target location is determined.
- 2. Appropriate shell/fuze combination is requested.
- 3. Appropriate BDA is transmitted.
- 4. No more than three adjusting rounds are used in adjust fire mission.
- 5. Request that target be recorded by firing unit.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.2.1 -.6	9808.3.2 -.10	9808.4.1 -.3	9808.5.1 -.2
9813.1.3 -.5	9813.2.1 -.10	9814.1.2	9814.1.4
9814.2.1 -.4	9814.3.1 -.9	9814.4.1 -.4	9815.4.6 -.7
9815.7.6	9816.6.11 -.14	9816.8.2	9816.10.5

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

TASK: 11D.1.14 CONDUCT DIRECT AIR SUPPORT

CONDITION(S): THE UAV Squadron is in support of a MAGTF conducting tactical operations and is tasked with a direct air support mission.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Ensure employment procedures for supporting arms are included in the fire support section of the unit operations SOP per FMFM 5-4A.
- .2 ____ Submit request for direct air support (DAS) aircraft to appropriate controlling agency.
- .3 ____ Establish communication with DAS aircraft.
- .4 ____ Provide standard 9 line brief.
- .5 ____ Direct/adjust inbound aircraft on target using ground references or supporting arms.
- .6 ____ Use standard terminology.
- .7 ____ Adjust ordnance impacts using cardinal headings and meters to the next desired weapons impact as required.
- .8 ____ Disseminate BDA as required.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.2.1 -.2	9807.2.3 -.5	9808.3.2 -.10	9808.4.1 -.3
9808.5.1 -.2	9813.1.3 -.5	9813.2.1 -.10	9814.1.2
9814.1.4	9814.2.1 -.4	9814.3.1 -.9	9814.4.1 -.4
9815.4.6 -.7	9815.7.6	9816.6.11 -.14	9816.8.2
9816.10.5 -.6			

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

TASK: 11D.1.15 ASSIST SEARCH AND RESCUE/TACTICAL RECOVERY OF AIRCRAFT AND PERSONNEL

CONDITION(S): A friendly aircraft has crashed in the tactical area of operations. The UAV squadron, when given approximate location, is tasked with locating the crash site, safe area and/or survivors.

STANDARDS: EVAL: Y; N; NE

- .1 _____ Plot safe areas.
- .2 _____ Establish communications with rescue operations center or controlling agency.
- .3 _____ Navigate to crash site or search area.
- .4 _____ Employ aerial search techniques per appropriate directives.
- .5 _____ Locate crash site or personnel.
- .6 _____ Gather pertinent information for in-flight report.
- .7 _____ Give in-flight report to rescue operations center or to controlling agency.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.2.1 -.3	9807.2.5	9808.3.2 -.10	9808.4.1 -.3
9808.5.1 -.2	9813.1.3 -.5	9813.2.1 -.5	9813.2.7 -.10
9814.1.2	9814.1.4	9814.2.1 -.4	9814.3.1 -.9
9814.4.1 -.4	9815.4.6 -.7	9815.7.6	9816.6.11 -.14
9816.8.2			

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

TASK: 11D.1.16 CONDUCT SHIPBOARD UAV OPERATIONS

CONDITION(S): The UAV Squadron is embarked upon U.S. Navy amphibious shipping; either amphibious aviation shipping (LPH, LHA, or LHD) or Pioneer UAV-capable LPDs. The UAV Squadron can be tasked with augmenting U.S. Navy UAV units or conducting UAV operations independent of U.S. Navy UAV units. In either situation the UAV Squadron conducts operations in support of the Amphibious Task Force (ATF) and the MAGTF.

STANDARDS: EVAL: Y; N; NE

- .1 _____ Ensure personnel have received appropriate instruction on shipboard operations, safety procedures, and duty requirements.
- .2 _____ Ensure UAV flight crews have completed requisite Field Carrier Landing Practice (FCLP) training.
- .3 _____ Ensure UAV Squadron Operations Officer or Mission Commander has established liaison and coordinated with appropriate ships departments for the conduct of UAV operations.
- .4 _____ Establish communications with appropriate airspace coordination/controlling agencies as required.
- .5 _____ Launch UAV by appropriate means.

- .6 ____ Ensure UAV mission is conducted as planned or modified as directed with appropriate coordination/approval by controlling agencies.
- .7 ____ Recover UAV.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

- 1. UAV personnel required to be on flight deck for UAV launch/recovery are equipped with and utilize protective equipment.
- 2. UAV flight crews are properly qualified.
- 3. UAV personnel are in compliance with Pioneer JUATOPS and other applicable directives.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.1.1 -.4	9807.2.1 -.2	9807.2.5 -.6	9808.1.1 -.3
9808.2.1 -.5	9808.3.1 -.7	9808.3.9 -.10	9808.4.1 -.3
9808.5.1 -.2	MNTO.1.1 -.2	MNTO.2.2 -.4	9813.1.1 -.12
9813.2.1 -.3	9813.2.5	9813.2.7 -.10	9814.1.1 -.4
9814.2.1 -.2			

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

TASK: 11D.1.17 CONDUCT SPLIT SITE OPERATIONS

CONDITION(S): The UAV Squadron is assigned a mission requiring launch and recovery site operated apart from GCS/COC site.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Launch and recovery site are selected based on METT.
- .2 ____ GCS/COC site is selected based on METT.
- .3 ____ Communications between sites supports the mission.
- .4 ____ Logistic requirements for each site are considered and adequate.
- .5 ____ Personnel and equipment are allocated for split site operations.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.1.1 -.4	9807.2.1 -.2	9807.2.5 -.6	9808.1.1 -.2
9808.2.1 -.5	9808.3.1 -.7	9808.3.9 -.10	9808.4.1 -.3
9808.5.1 -.2	MNTO.1.1 -.2	MNTO.2.1 -.4	9813.1.1 -.12
9813.2.1 -.3	9813.2.5	9813.2.7 -.10	9814.1.1 -.4
9814.2.1 -.2			

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

ENCLOSURE (1)

TASK: 11D.1.18 CONTINUING COMMAND ACTIONS

CONDITION(S): The UAV squadron is operating in support of a MAGTF.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Ensure UAV operations are considered in the appropriate annexes of the operations order. (KI)
- .2 ____ Ensure the Remote Receiving Station (RRS) liaison team provides status/mission information to GCS personnel.
- .3 ____ Notify the higher unit headquarters of all changes in UAV system status and location.
- .4 ____ Ensure the operations officer continually monitors the flight schedule making corrections or changes as required.
- .5 ____ Ensure the Operations Officer and Aviation Safety Officer monitors crew day and flight time limitations of flightcrew.
- .6 ____ Ensure the UAV liaison monitors all missions coordinating changes.
- .7 ____ Ensures changes to UAV flight profile are coordinated with the appropriate controlling agency.
- .8 ____ Submit required tactical reports in a timely manner.
- .9 ____ Distribute reports received from outside the unit to the affected staff section or subordinate element.
- .10 ____ Develop estimate of supportability and submit it to the MAGTF Commander.
- .11 ____ Determine supply and support requirements.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: Reference to the UAV operations should appear in the following annexes of the operations order:

- 1. Annex A (Task Organization)
- 2. Annex B (Intelligence)
- 3. Annex C (Operations)
- 4. Annex D (Logistics)
- 5. Annex K (Communications-Electronics)
- 6. Annex N (Air Operations)
- 7. Annex R (Reports)

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.1.1 -.2	9807.1.4	9808.2.1	9808.2.4
9808.5.1 -.2	MNTO.1.1 -.2	MNTO.2.2 -.4	9813.1.2
9813.1.6 -.12	9815.1.1 -.7	9815.1.20 -.21	9815.2.1 -.6
9815.2.20 -.28	9815.2.32 -.35	9815.4.1 -.7	9815.5.1 -.7
9815.6.1	9815.7.1	9815.7.4	9815.7.6
9815.7.25 -.33	9815.8.4	9816.1.3 -.6	9816.1.12
9816.1.14	9816.1.17	9816.1.20	9816.1.22
9816.1.26	9816.1.29	9816.2.4	9816.2.6
9816.2.12	9816.3.1 -.2	9816.3.9	9816.4.1 -.6
9816.5.12	9816.6.1	9816.6.4 -.8	9816.7.2 -.19
9816.8.1 -.2	9816.9.1 -.6	9816.10.1 -.4	9816.11.1 -.3
9816.12.1 -.4	9817.1.1	9817.1.4	9817.2.1 -.2

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

TASK: 11D.1.19 CONDUCT THE IMMEDIATE ACTION EMERGENCIES EXAM

CONDITION(S): Classroom atmosphere. An examination will be prepared based on all immediate action emergency procedures contained in JUATOPS. An examination will be given for each separate flight crew position.

STANDARDS: EVAL: Y; N; NE

- .1 ____ 90% or greater of personnel tested scored 100%.
- .2 ____ Less than 90% tested scored 100%.

EVALUATOR INSTRUCTIONS: REQUIRED DATA

- 1. Number of qualified personnel in unit:_____
- 2. Number of personnel taking the exam:_____
- 3. Unit average:_____

KEY INDICATORS: Squadron average 90% or higher.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9808.3.7 9814.3.1 9814.3.2 -.9 9816.6.12 -.14

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

TASK: 11D.1.20 CONDUCT THE AIRCRAFT AND EQUIPMENT RECOGNITION EXAM

CONDITION(S): Classroom atmosphere. An exam will be prepared by higher headquarters. All available mission commanders, payload operators, internal pilots, intelligence personnel, and remote receiving station (RRS) operators will take the exam.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Unit averaged 10 percent or higher.
- .2 ____ Unit averaged 20 percent or higher.
- .3 ____ Unit averaged 30 percent or higher.
- .4 ____ Unit averaged 40 percent or higher.
- .5 ____ Unit averaged 50 percent or higher.
- .6 ____ Unit averaged 60 percent or higher.
- .7 ____ Unit averaged 70 percent or higher.
- .8 ____ Unit averaged 80 percent or higher.
- .9 ____ Unit averaged 90 percent or higher.

ENCLOSURE (1)

.10 ____ Unit averaged 100 percent or higher.

EVALUATOR INSTRUCTIONS: Standards will be marked either Y or N as appropriate).

REQUIRED DATA

1. Number of qualified personnel in unit:_____
2. Number of personnel taking the exam:_____
3. Unit average:_____

KEY INDICATORS: Unit average test score is 90%.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

11D.2 UAV MAINTENANCE OPERATIONS

TASK: 11D.2.1 CONDUCT UAV MAINTENANCE PLANNING

CONDITION(S): The UAV Squadron is tasked to support a MAGTF conducting tactical operations.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Comply with unit maintenance instruction and CNO Instruction 4790.2E Naval Aviation Maintenance Program.
- .2 ____ Identify requirements for UAV system maintenance block.
- .3 ____ Ensure UAV maintenance equipment and supplies are incorporated into existing unit embarkation plans.
- .4 ____ Plan for split site operations as required.
- .5 ____ Coordinate with S-3 to determine anticipated sortie rate.
- .6 ____ Coordinate maintenance communications requirements as required.
- .7 ____ Coordinate logistics requirements as required.
- .8 ____ Coordinate UAV specific logistics requirements.
- .9 ____ Coordinate rocket assist takeoff bottle requirements and handling.
- .10 ____ Coordinate with the Aviation Safety Officer and Operations Officer for safety related matters.
- .11 ____ Coordinate hazardous materials handling procedures.
- .12 ____ Screen UAV system logs and review monthly maintenance plan.
- .13 ____ Identify required reports and methods for submission.

ENCLOSURE (1)

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.1.1 9808.1.2 MNTO.1.1 -.2 9813.1.1
9815.8.5

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

TASK: 11D.2.2 CONDUCT UAV MAINTENANCE OPERATIONS

CONDITION(S): The UAV Squadron is operating in support of a MAGTF conducting tactical operations.

STANDARDS: EVAL: Y; N; NE

- .1 ____ System availability is 70% or greater.
- .2 ____ System reliability (sorties scheduled - sortie abort) is 70% or greater.
- .3 ____ Maintenance effectiveness (sorties launched - maintenance aborts) is 70% or greater.
- .4 ____ Maintenance discrepancies are processed in a timely, efficient manner per applicable directives.
- .5 ____ Conduct maintenance procedures per applicable safety directives.
- .6 ____ Submit required reports.

EVALUATOR INSTRUCTIONS:

- 1. System availability, reliability, and responsiveness are continually evaluated throughout the operation. Combat tempo of operations will be simulated but shall not interfere with established safety procedures.
- 2. Supply conditions beyond control of the squadron will not effect unit evaluation.
- 3. Evaluator must comment in detail for the scores given.

KEY INDICATORS:

- 1. Weather aborts, scheduled missions which are launched and not completed due to weather conditions shall not be counted in the computations.
- 2. Combat aborts:
 - a. A launched mission that due to mechanical malfunction or pilot error was unable to complete the mission.
 - b. A mission launched incorrectly configured for the assigned mission.
 - c. Scheduled missions which are not launched due to lack of aircraft.
- 3. No abort shall be assessed when a replacement aircraft is launched and fulfills the mission.
- 4. Authorized additions to a flight schedule are considered as scheduled sorties.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.1.1	9808.1.1	9808.5.1 -.2	MNTO.1.1 -.2
MNTO.2.1 -.4	9813.2.10	9814.4.4	9815.1.1 -.21
9815.2.1 -.35	9815.3.1 -.12	9815.4.1 -.10	9815.5.1 -.22
9815.6.1 -.9	9815.7.1 -.33	9815.8.1	9815.8.4
9816.1.1 -.18	9816.1.20 -.38	9816.2.1 -.22	9816.3.1 -.11
9816.4.1 -.8	9816.5.1 -.12	9816.6.1 -.15	9816.7.1 -.15
9816.7.17 -.39	9816.8.1 -.7	9816.9.1 -.6	9816.10.1 -.8
9816.11.1 -.3	9816.12.1 -.4	9817.2.1 -.2	

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

11D.3 UAV SAFETY OPERATIONS

TASK: 11D.3.1 CONDUCT SAFETY PLANNING

CONDITION(S): The UAV Squadron is tasked to support MAGTF operations.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Conduct safety/site survey.
- .2 ____ Possess and utilize a safety order.
- .3 ____ Possess and utilize a pre-mishap plan.
- .4 ____ Possess a school-trained and qualified Unit Aviation Safety Officer (MOS 7596).

EVALUATOR INSTRUCTIONS: Evaluator will utilize applicable directives during conduct of the evaluation.

KEY INDICATORS: Possession of a qualified Unit Aviation Safety Officer is mandatory for successful completion of this task.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.1.1 -.2	9808.1.3	MNTO.1.1	9813.1.1
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See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

TASK: 11D.3.2 CONDUCT SAFETY SUPERVISION

CONDITION(S): A UAV Squadron is in support of a MAGTF conducting tactical operations.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Required safety clothing and equipment is on hand and utilized.
- .2 ____ UAV operations are conducted safely per applicable directives/regulations.
- .3 ____ Ground safety procedures are per applicable directives/regulations.
- .4 ____ Unsafe practices are identified and corrected immediately.
- .5 ____ Crew day and flight time limitations are monitored.

ENCLOSURE (1)

- .6 ____ Rest schedules are established to ensure continuous operations.
- .7 ____ Safety reports are submitted per applicable directives as required.
- .8 ____ Safety hazards and critical flight information is disseminated.
- .9 ____ Personnel are familiar with the duties and responsibilities assigned under the Pre-Mishap Plan.

EVALUATOR INSTRUCTIONS:

- 1. The evaluator must be familiar with the Unit Pre-Mishap Plan.
- 2. Safety shall be evaluated continuously.

KEY INDICATORS: None.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.1.3 9808.1.3 9807.2.2 MNT0.1.1
MNT0.2.2 -.3 9813.1.1

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

11D.4 UAV NBC OPERATIONS

TASK: 11D.4.1 PREPARE FOR NBC OPERATIONS

CONDITION(S): Threat forces have employed NBC munitions in the area. Due to the threat, passive and active defensive measures must be employed for survival of the UAV squadron.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Follow SOP for NBC attacks and reports required.
- .2 ____ All individual NBC defense equipment authorized by unit table of equipment (T/E) is operationally ready and distributed to each individual.
- .3 ____ All unit NBC defense equipment authorized by unit T/E is operationally ready and distributed to designated and trained/knowledgeable operators.
- .4 ____ Identify shortages and ensure replacement actions are taken.
- .5 ____ Comply with established MOPP level and ensures personnel are at or above required MOPP level.
- .6 ____ Personnel are trained in basic NBC defense procedures.
- .7 ____ Maximize utilization of terrain features for cover, concealment, and topographical shielding.
- .8 ____ Comply with higher headquarters NBC control center directives.

EVALUATOR INSTRUCTIONS:

- 1. Integrate NBC scenario with normal mission.
- 2. Evaluator must be highly trained in NBC defense.

KEY INDICATORS: None.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.1.3	9808.1.1 -.3	9808.2.1 -.5	9808.3.1
9813.1.6 -.12	9814.1.1	9815.1.1 -.7	9815.1.21
9815.2.1	9815.2.5 -.6	9815.2.20 -.28	9815.2.32 -.35
9815.4.1 -.2	9815.5.1	9815.5.7	9815.6.1
9815.7.1	9815.7.6	9815.7.25 -.26	9815.7.28 -.33
9815.8.4	9816.1.3 -.5	9816.1.12	9816.1.14
9816.1.17	9816.1.26	9816.1.29	9816.2.1
9816.4.1 -.2	9816.4.5 -.6	9816.6.1	9816.6.4 -.10
9816.7.5 -.6	9816.7.8 -.15	9816.7.17 -.19	9816.8.1
9816.9.5	9816.10.2 -.4	9817.1.1	

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

TASK: 11D.4.2 CONDUCT A UAV MISSION IN AN NBC ENVIRONMENT

CONDITION(S): The UAV squadron is conducting operations in support of a MAGTF. There has been an NBC attack. MOPP Level 4 has been established.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Personnel assume the appropriate protective posture.
- .2 ____ Plan and execute UAV mission, maintenance and operations.

EVALUATOR INSTRUCTIONS: Evaluation will occur only to the point of takeoff roll.

KEY INDICATORS: Unit successfully reaches launch point.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.2.1 -.2	9807.2.5 -.6	9808.3.2 -.7	9808.3.9 -.10
9808.4.1 -.3	9808.5.1 -.2	9813.1.3 -.5	9813.2.1 -.3
9813.2.5	9813.2.7 -.10	9814.1.2	9814.1.4
9814.2.1 -.4	9814.3.1 -.9	9814.4.1 -.4	9815.4.6 -.7
9815.7.6	9816.6.11 -.14	9816.8.2	9816.10.5 -.8
9817.1.2 -.4			

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

TASK: 11D.4.3 PREPARE FOR NUCLEAR ATTACK

CONDITION(S): The UAV squadron is informed that nuclear weapons have been used in area of the FOB and the probability of future use is imminent.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Identify backup/alternate command, control, and communications procedures.
- .2 ____ Identify/prepare shelters to protect from heat, blast, and radiation.
- .3 ____ Alert subordinate/displaced elements.
- .4 ____ Continue mission while implementing actions to minimize casualties and damage.

- .5 _____ Implement protective measures, as directed by higher headquarters, consistent with the mission.
- .6 _____ Minimize exposure and take cover.
- .7 _____ Protect electronic equipment from electromagnetic pulse (EMP) and transient radiation effects on electronics (TREE) if possible.
- .8 _____ Maintain security while implementing actions to minimize casualties and damage.
- .9 _____ Secure all loose items, flammable/explosive items, food and water from heat, blast, and radiation.
- .10 _____ Personnel are trained in standard first aid procedures to provide self/buddy aid for nuclear blast and thermal effects.

EVALUATOR INSTRUCTIONS:

- 1. Flight safety requirements take precedence over the conduct of the evaluation.
- 2. Displacing the equipment to a hasty shelter may adversely effect operational readiness.

KEY INDICATORS: None.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.2.1 -.2	9807.2.5 -.6	9808.3.2 -.7	9808.3.9 -.10
9808.4.1 -.3	9808.5.1 -.2	9813.1.3 -.5	9813.2.1 -.3
9813.2.5	9813.2.7 -.10	9814.1.2	9814.1.4
9814.2.1 -.4	9814.3.1 -.9	9814.4.1 -.4	9815.4.6 -.7
9815.7.6	9816.6.11 -.14	9816.8.2	9816.10.5 -.8
9817.1.2 -.4			

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

TASK: 11D.4.4 RESPOND TO THE EFFECTS OF A NUCLEAR ATTACK

CONDITION(S): A nuclear attack has occurred.

STANDARDS: EVAL: Y; N; NE

- .1 _____ Take immediate action upon recognizing the attack to shield from blast/heat of detonation.
- .2 _____ Maintain or re-establish chain of command and communications. Resume mission if possible.
- .3 _____ Rapidly submit NBC-1 initial and follow-up reports (as required) to higher headquarters by personnel designated or responsible for collecting the information. Forward the most reliable and complete reports by secure means when possible.
- .4 _____ Provide first aid, evacuate casualties and fatalities as the mission permits.
- .5 _____ Submit damage assessment report by secure means to higher headquarters.
- .6 _____ Continue to perform the mission if possible.
- .7 _____ Protect equipment, munitions, POL, food, and water from fallout.

EVALUATOR INSTRUCTIONS:

- 1. Nuclear attack is simulated by the detonation of an artillery or nuclear blast simulator or by other appropriate means. Evaluator will assess constructive casualties due to blast, heat, radiation, and electromagnetic pulse (EMP).

2. Commander is advised of estimated time of fallout.

KEY INDICATORS: None.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.2.1 -.2	9807.2.5 -.6	9808.3.2 -.7	9808.3.9 -.10
9808.4.1 -.3	9808.5.1 -.2	9813.1.3 -.5	9813.2.1 -.3
9813.2.5	9813.2.7 -.10	9814.1.2	9814.1.4
9814.2.1 -.4	9814.3.1 -.9	9814.4.1 -.4	9815.4.6 -.7
9815.7.6	9816.6.11 -.14	9816.8.2	9816.10.5 -.8
9817.1.2 -.4			

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

TASK: 11D.4.5 PREPARE FOR A CHEMICAL AGENT ATTACK

CONDITION(S): The UAV squadron is informed that chemical weapons have been used in the theater of operations and that a chemical attack is imminent.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Direct the appropriate MOPP level consistent with mission, temperature, work rate, and commander's guidance.
- .2 ____ Modify operations to accomplish mission essential tasks in a chemical environment.
- .3 ____ Demonstrate capability to don the protective mask within 9 seconds.
- .4 ____ Demonstrate capability to don the chemical protective ensemble within 4-8 minutes.
- .5 ____ Establish the buddy system to facilitate monitoring/treatment for chemical agent poisoning and emergency decontamination.
- .6 ____ Cover portions of essential equipment, munitions, POL, food and water, and supplies that cannot be placed in a shelter with expendable or readily decontaminated tarps, shelter halves, or ponchos.
- .7 ____ Affix detector paper to visible, horizontal surfaces of protective clothing and on equipment, munitions, etc.
- .8 ____ Maintain protective NBC equipment in a high state of serviceability.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.2.1 -.2	9807.2.5 -.6	9808.3.2 -.7	9808.3.9 -.10
9808.4.1 -.3	9808.5.1 -.2	9813.1.3 -.5	9813.2.1 -.3
9813.2.5	9813.2.7 -.10	9814.1.2	9814.1.4
9814.2.1 -.4	9814.3.1 -.9	9814.4.1 -.4	9815.4.6 -.7
9815.7.6	9816.6.11 -.14	9816.8.2	9816.10.5 -.6
9816.10.7 -.8	9817.1.2 -.4		

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

TASK: 11D.4.6 RESPOND TO A CHEMICAL AGENT ATTACK

CONDITION(S): The UAV squadron is subjected to a chemical agent attack.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Take immediate protective measures upon hearing a chemical alarm, followed by treatment/decontamination of casualties.
- .2 ____ Automatically mask upon notification of an enemy artillery, rocket, or a attack/overflight.
- .3 ____ Automatically mask upon perceiving a suspicious odor, airborne droplets/mist, or smoke from unknown source.
- .4 ____ Initiate unmasking procedures when directed.
- .5 ____ Detect and classify chemical agents using appropriate equipment (M256A1/chemical agent monitor (CAM)).
- .6 ____ Report type and location of chemical agent to higher headquarters utilizing an NBC 1 report.
- .7 ____ UAV squadron commander determines if immediate relocation to a clean area is necessary or possible.
- .8 ____ Determine priorities for decontamination and request decontamination support, if required.
- .9 ____ Wrap, mark as contaminated, and evacuate WIA's/KIA's as mission permits. Alert appropriate receiving facility.
- .10 ____ Replace expended chemical defense items as required.
- .11 ____ UAV squadron commander adjusts MOPP level as required.

EVALUATOR INSTRUCTIONS:

- 1. Site should support the type of activities being conducted and permit the safe use of simulators and devices. Selected personnel are presented decontamination training kits and first aid treatment training devices. Every attempt must be made to provide a realistic situation through devices, scenarios, acting or other aids.
- 2. Precautionary measures should be considered when evaluating; e.g., black flag conditions may warrant the exclusion of the evaluation.

KEY INDICATORS: None.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.2.1 -.2	9807.2.5 -.6	9808.3.2 -.7	9808.3.9 -.10
9808.4.1 -.3	9808.5.1 -.2	9813.1.3 -.5	9813.2.1 -.3
9813.2.5	9813.2.7 -.10	9814.1.2	9814.1.4
9814.2.1 -.4	9814.3.1 -.9	9814.4.1 -.4	9815.4.6 -.7
9815.7.6	9816.6.11 -.14	9816.8.2	9816.10.5 -.8
9817.1.2 -.4			

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

TASK: 11D.4.7 CONDUCT HASTY DECONTAMINATION

CONDITION(S): The UAV squadron has been contaminated by a chemical agent. Time is available for hasty decontamination.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Select and prepare appropriate site.
- .2 ____ Remove gross contamination from equipment by speedy washdown.
- .3 ____ Check for decontamination after the washdown is complete.
- .4 ____ Personnel decontaminate skin, individual weapons, and equipment using appropriate decontamination kit and apparatuses.
- .5 ____ Determine adequacy of decontamination:
- .6 ____ If inadequate:
 - 1. Procedures are repeated.
 - 2. Decontamination support is requested.
 - 3. Risk of using equipment is accepted/rejected based on mission priorities.
- .7 ____ Contaminated materials are discarded according to the tactical SOP, marked as contaminated, and their location is provided to higher headquarters.
- .8 ____ Actions are taken to control the spread of contamination.
- .9 ____ Adjust MOPP level as required.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

TASK: 11D.4.8 COORDINATE FOR DELIBERATE DECONTAMINATION OF EQUIPMENT AND PERSONNEL

CONDITION(S): UAV squadron equipment has been contaminated by a chemical agent. Basic skills decontamination has been accomplished. The Squadron is reconstituting and requires deliberate decontamination, support is available upon request.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Coordinate with the decontamination team the time of arrival, supplies, equipment, and personnel support furnished by the contaminated unit, and establish an estimated time of completion.
- .2 ____ Request and receive route clearance to the Personnel Decontamination Station/Equipment Decontamination Station (PDS/EDS) assembly area. Advance party (personnel to augment decontamination operation and establish security) is dispatched to PDS/EDS.
- .3 ____ The Squadron arrives at PDS/EDS assembly area and is organized for processing.
- .4 ____ Decontamination begins as scheduled.

- .5 ____ The Squadron reorganizes in a clean area and resumes mission.
- .6 ____ Appropriate MOPP level is directed.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

TASK: 11D.4.9 EXCHANGE MOPP GEAR

CONDITION(S): Personnel are in MOPP 4 and the gear has been contaminated.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Select uncontaminated ground or provide protection from ground contamination.
- .2 ____ Remove contaminated clothing using the "buddy system" without transfer of contamination.
- .3 ____ Personnel put on new protective clothing using the "buddy system."
- .4 ____ Whenever contamination is suspected decontaminate.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

TASK: 11D.4.10 CONDUCT THE NBC EXAM

CONDITION(S): Classroom atmosphere. An exam will be prepared by higher headquarters. All available personnel will take the exam.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Unit averaged 90% or greater.
- .2 ____ Unit averaged less than 90%.

EVALUATOR INSTRUCTIONS: Required Data:

- 1. Number of personnel in unit: ____
- 2. Number of personnel taking exam: ____

3. Unit average:_____

KEY INDICATORS: Unit average of 90% or better is required to successfully accomplish this task.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

11D.5 UAV COMMUNICATIONS

TASK: 11D.5.1 DEVELOP THE UAV SQUADRON COMMUNICATIONS PLAN

CONDITION(S): The UAV Squadron is tasked to support a MAGTF. The squadron requires a communications plan to support the operation.

STANDARDS: EVAL: Y; N; NE

- .1 _____ Determine and coordinate communications requirements.
- .2 _____ Submit appropriate frequency requests to include UAV specific frequencies.
- .3 _____ Request augmentation support as required.
- .4 _____ Coordinate with higher headquarters or supported unit for the availability and security of required CMS material and equipment.
- .5 _____ Ensure CMS destruction plan is tailored for the operation.
- .6 _____ Request type and quantity of consumable supplies (e.g., batteries, wire, etc.) required to support the operation.
- .7 _____ Develop sustainability plan for communications equipment including RRS operations.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: Squadron communications plan complies with higher headquarters or supported unit operations plan annex K.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.1.1 -.2 MNTO.1.1 9813.1.1

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

TASK: 11D.5.2 ESTABLISH AND OPERATE WIRE COMMUNICATIONS

CONDITION(S): The UAV Squadron is tasked to support a MAGTF conducting tactical operations and occupies a position.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Wire is laid per unit tactical SOP.
- .2 ____ Telephones are installed; priority is given to those mission critical circuits.
- .3 ____ Switchboard is installed.
- .4 ____ Telephone and switchboard procedures are followed.
- .5 ____ Wires are tagged and protected from foot and vehicular traffic.
- .6 ____ Problems are identified and appropriate troubleshooting procedures are employed.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: Communications personnel are properly trained in wire operations and equipment.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.1.1 9807.2.2 MNT0.2.1

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

TASK: 11D.5.3 ESTABLISH AND OPERATE RADIO COMMUNICATIONS

CONDITION(S): The UAV Squadron is tasked to support a MAGTF conducting tactical operations and occupies a position.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Select and employ the proper radios and antennas per the communications plan.
- .2 ____ Establish communications per the CEOI.
- .3 ____ Employ COMSEC equipment and procedures.
- .4 ____ Utilize and maintain radio retransmission capability as required.
- .5 ____ Safety precautions are taken to prevent radiation or shock.
- .6 ____ Weatherproof equipment.
- .7 ____ Comply with unit hazardous waste disposal procedures.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: Communications personnel are properly trained in radio operations and equipment.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.1.1 9807.2.2 MNTO.2.1

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

TASK: 11D.5.4 EMPLOY COMMUNICATIONS SECURITY (COMSEC) TECHNIQUES

CONDITION(S): The UAV Squadron is tasked to support a MAGTF conducting tactical operations.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Sensitive information is transmitted by secure means.
- .2 ____ Proper authentication/encryption procedures are utilized per the CEOI.
- .3 ____ CEOI is followed.
- .4 ____ Dispose of superseded COMSEC material per applicable directives.
- .5 ____ Prepare and submit meaconing, intrusion, jamming, and interference report (MIJI) as required.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

- 1. Compliance with CEOI requirements and communications plan.
- 2. COMSEC equipment and materials are handled per applicable directives.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.1.1 9807.2.2 MNTO.2.1

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

TASK: 11D.5.5 RECOVER FIELD WIRE

CONDITION(S): The UAV Squadron is operating in support of a MAGTF conducting tactical operations, is displacing, and previous wire circuits are no longer required.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Wire lines are recovered as the situation permits.
- .2 ____ Recovered wire is cleaned and installed on reels.
- .3 ____ Recovered wire is tested for complete circuit and repaired as required.

ENCLOSURE (1)

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: Unit SOP addresses procedures for testing and repair of recovered wire.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.1.1 9807.2.2 MNTO.2.1

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

TASK: 11D.5.6 CONDUCT MAINTENANCE ON COMMUNICATIONS EQUIPMENT

CONDITION(S): The UAV Squadron is operating in support of a MAGTF conducting tactical operations. Equipment is operationally employed.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Maintain equipment record jackets and Technical Manuals (or TM extracts) per applicable directives.
- .2 ____ Conduct scheduled and unscheduled maintenance per applicable directives.
- .3 ____ Conduct routine maintenance inspections.
- .4 ____ Deficiencies are identified in a timely manner.
- .5 ____ Follow proper procedures for induction into the maintenance cycle.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

- 1. Maintenance is continuous.
- 2. Operators are trained to take corrective maintenance measures.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.1.1 9807.2.2 9807.2.6 9808.5.2
MNTO.2.3 9813.5.4 9814.4.4 9817.1.1 -.2
9817.1.4 9817.2.2

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

TASK: 11D.5.7 MAINTAIN COMMUNICATIONS

CONDITION(S): The UAV Squadron is operating in support of a MAGTF conducting tactical operations. Both radio and wire communications have been established.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Maintain both internal and external radio communications.
- .2 ____ Maintain both internal and external wire communications.
- .3 ____ Communication logistics facilitate continuous operations.
- .4 ____ Execute preplanned lost communication procedures as required.
- .5 ____ Maintain communications in an EW environment.
- .6 ____ Circuit problems are reported to watch supervisors immediately.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.1.1	9807.2.2	9807.2.6	9808.5.2
MNTO.2.1 -.3	9814.4.4	9814.5.4	9817.1.1 -.2
9817.1.4	9817.2.2		

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

11D.6 UAV CONTINUING ACTIONS BY MARINES

TASK: 11D.6.1 DEMONSTRATE DISCIPLINE

CONDITION(S): The UAV Squadron is supporting a MAGTF conducting tactical operations.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Maintain self discipline. (KI)
- .2 ____ Maintain fire discipline. (KI)
- .3 ____ Maintain supply discipline. (KI)
- .4 ____ Maintain noise discipline. (KI)
- .5 ____ Maintain light discipline. (KI)
- .6 ____ Perform continuous maintenance on all weapons and equipment.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

SELF DISCIPLINE

Calm, resolute, and positive acceptance of orders and directives by Marines who give the appearance they are making an honest attempt to participate fully in the achievement of the goals of the field evaluation.
Marine's weapon, 782 gear, and personal gear is mounted/stowed per unit SOP.

FIRE DISCIPLINE

When engaged, Marines employ their firepower in an orderly and organized fashion. Lax fire discipline is not tolerated by unit leaders. Ammunition is readily available to replenish individual and crew weapons.

SUPPLY DISCIPLINE

Marines do not waste unit supplies. Supplies are stowed, safeguarded from the enemy and, protected from the weather per a unit SOP.

NOISE DISCIPLINE

During operations Marines exhibit restraint with regard to noise.

LIGHT DISCIPLINE

Marines keep light use to a minimum and consistent with accomplishment of assigned missions. Sentries posted at night check for light leaks.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.1.1	9807.2.2	9807.2.6	9808.5.2
MNTO.2.1 -.4	9813.2.10	9814.4.4	9814.5.4
9817.1.1 -.2	9817.1.4	9814.2.2	

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

TASK: 11D.6.2 USE COVER, CAMOUFLAGE AND CONCEALMENT

CONDITION(S): The UAV Squadron is supporting a MAGTF conducting tactical operations.
The UAV Squadron is in a FOB with adequate camouflage equipment available or natural material within a 200m radius of positions.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Maintain personnel and equipment dispersion.
- .2 ____ When moving utilize available cover.
- .3 ____ Conduct immediate action when aircraft alarm is sounded.
- .4 ____ Use appropriate equipment and techniques to camouflage personnel and equipment.
- .5 ____ Stress placement of personnel and equipment ensuring concealment from casual detection by enemy.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: The overall unit posture demonstrates sound tactical principles commensurate with METT.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.1.1	9807.2.2	MNTO.2.1
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See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

TASK: 11D.6.3 PERFORM PREVENTIVE MEDICINE SERVICES

CONDITION(S): The UAV Squadron is supporting a MAGTF conducting tactical operations.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Ensure personal hygiene standards are maintained.
- .2 ____ Enforce attention to the slightest open wounds to prevent infection.
- .3 ____ Inspect mess, troop facilities and head areas daily.
- .4 ____ Diseases and health hazards are identified, briefed and corrected if possible.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

- 1. Sound field hygiene practices are continuous and involve all personnel.
- 2. Small unit leadership is demonstrated by enforcement of personal hygiene standards.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.1.1 9807.2.2 MNTO.2.1

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

TASK: 11D.6.4 PROCESS CASUALTIES

CONDITION(S): The UAV Squadron is supporting a MAGTF conducting tactical operations; casualties have occurred.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Apply first aid to casualties prior to arrival of corpsmen. (KI)
- .2 ____ Demonstrate the proper care and procedures for extricating injured Marines from various positions and circumstances.
- .3 ____ Demonstrate correct procedures for removing casualties to a place of safety/treatment.
- .4 ____ Report casualties immediately through established chain of command.
- .5 ____ Evacuation procedures are per applicable directives.
- .6 ____ Casualty reports are submitted per applicable directives.

EVALUATOR INSTRUCTIONS:

- 1. Evaluators will tag casualties to indicate injury and evaluate those who should provide aid and assistance. All Marines who are tagged with an incapacitating wound will drop when "hit" and will not move under their own power.
- 2. Evaluation will not interfere with the safe conduct of flight operations.

ENCLOSURE (1)

KEY INDICATORS: Demonstrate knowledge of the four lifesaving steps.

SUPPORTING INDIVIDUAL TRAINING STANDARDS

9807.1.1 9807.2.2 MNT0.2.1

See MCO 1510.89 and MCO 1510.90, MBST for additional training standards.

ENCLOSURE (1)